



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

Company Information

Company Name

Shree Datta Sakhar Karkhana A Unit of
Dalmia Bharat & Sugar Industries Distillery

Application UAN number

MPCB-CONSENT-00000106602

Address

A/P Asurle Porle

Plot no

1751

Taluka

Panhala

Village

Asurle Porle

Capital Investment (In lakhs)

6460.12

Scale

LSI

City

Kolhapur

Pincode

416115

Person Name

Sandeep Misra

Designation

General Managaer

Telephone Number

7757050915

Fax Number

0231-2664655

Email

sannikhil1971@gmail.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R15 Distillery including Fermentation
industry

**Last Environmental statement
submitted online**

no

Consent Number

1.0/BO/CAC-CELL/EIC NO.
KP-17326-15/O/CAC-13717

Consent Issue Date

29/10/2015

Consent Valid Upto

31/08/2016

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Rectified Spirit	16200	16200	KL/A
Extra Neutral Alcohol OR Absolute Alcohol	16200	16200	KL/A
Fusel Oil	32.4	32.4	KL/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	NA	NA	KL/A

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	600	600
Domestic	5	5
All others	5	5
Total	0	0
	610	610

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
605	605	605	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Rectified Spirit	0	280	CMD
Extra Neutral Alcohol OR Absolute Alcohol	0	280	CMD
Fusel Oil	0	40	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Sulphuric Acid	0	25.2	Kg/Annum
Molasses	0	50400	KL/A
Nutrients NP	0	12,6	Kg/Annum
Turkey Red Oil	0	25.2	Kg/Annum

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	25920	25920	MT/A

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Spent wash	600	evaporation and incineration	0	na	na

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM	2.88	100	0	100	Na

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.2 Spent solvent	0	3990	Kg/Annum
20.3 Distillation residue	0	3990	Kg/Annum

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg/Annum

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	NA	NA	Kg/Annum

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	NA	NA	Kg/Annum

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	Kg/Annum

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
20.2 Spent solvent	3990	Kg/Annum	within limits
20.3 Distillation residue	3990	Kg/Annum	within limits

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Fly ash	100	MT/A	within limits

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Multiple evaporation with incineration boiler	10	0	0	2	1500	20
Green belt and ZLD	0	0	0	0	0	0

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Provision of multiple evaporators and incineration of spent wash through boiler with ESP and stack	Plantation trees and no storage of spent wash	1500

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Green belt addition	Reduction of spent wash ZLD	100

Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

Provision of spent wash reduction through multiple evaporator, followed by incineration boiler with ESP and stack . Green belt of about 2 acres.

Name & Designation

